



IPW

PATENT  
Customer No. 22,852  
Attorney Docket No. 07883.0063

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
	)	
Peter BOEKSTEGERS et al.	)	Group Art Unit: 3738
	)	
Application No.: 10/671,581	)	Examiner: PREBILIC, PAUL B
	)	
Filed: September 29, 2003	)	
	)	
For: METHODS OF	)	Confirmation No. 1494
RETROPERFUSION AND	)	
RELATED DEVICES	)	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R.**  
**§ 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents on the attached Form PTO/SB/08. To the undersigned's knowledge, this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

Copies of the listed non-patent literature documents are attached. A copy of the U.S. patent publication is not enclosed.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached Form PTO/SB/08.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.


Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: September 7, 2005

By:   
\_\_\_\_\_  
Michael W. Kim  
Reg. No. 51,880

IDS Form PTO/SB/08: Substitute for form 1449A/PTO  <div style="text-align: center;"><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></div> <div style="text-align: center;"><i>(Use as many sheets as necessary)</i></div>			<b>Complete if Known</b>	
			Application Number	10/671,581
			Filing Date	September 29, 2003
			First Named Inventor	Peter BOEKSTEGERS
			Art Unit	3738
			Examiner Name	PREBILIC, PAUL B
			Attorney Docket Number	07883.0063

OIPE  
 SEP 06 2005  
 PATENT & TRADEMARK OFFICE

Sheet	1	of	2
-------	---	----	---

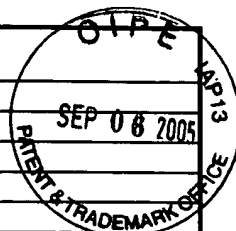
U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-2003/0097172 A1	05-22-2003	Shalev et al.	

**Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004**

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
		Copy of International PCT Search Report and Written Opinion issued in International Application No. PCT/US2004/028816 on August 11, 2005.	
		SANG B. PARK, GEORGE J MAGOVERN, GEORGE A. LIEBLER, CHARLES M. DIXON, FRANK R. BEGG, DON L. FISHER, THEODOSIOS J. DOSIOS, AND ROBERT S. GARDNER; "Direct Selective Myocardial Revascularization by Internal Mammary Artery-Coronary Vein Anastomosis"; The Journal of Thoracic and Cardiovascular Surgery; January 1975; pages 63-72; Vol. 69, No. 1; The C.V. Mosby Company; St. Louis, MO.	
		C.J. CHIU AND D.S. MULDER; "Selective Aterialization of Coronary Veins for Diffuse Coronary Occlusion"; The Journal of Thoracic and Cardiovascular Surgery; July 1975; pages 177-182; Vol. 70, No. 1; The C.V. Mosby Company; St. Louis, MO.	
		ISMAIL A. SALLAM AND WILLEM J. KOLFF; "A New Surgical Approach to Myocardial Revascularization - Internal Mammary Artery to Coronary Vein Anastomosis"; Thorax; pages 613-616; September 1973; Vol. 28, No. 5; British Medical Association; London, UK.	
		EARLE B. KAY AND AKIO SUZUKI; "Coronary Venous Retroperfusion for Myocardial Revascularization"; The Annals of Thoracic Surgery; March 1975; pages 327-330; Vol. 19, No. 3.	
		LEONARD S. SCHULTZ, RONALD M. FERGUSON, MICHAEL B. PLIAM, GEORGE J. MOTSAI, AND RICHARD C. LILLEHIE; "Retrograde Perfusion as a Method for Myocardial Revascularization"; European Surgical Research: Clinical and Experimental Surgery; 1976; pages 358-376; Vol. 8, No. 5.	
		RAFAEL BEYAR, ALAN D. GUERCI, HENRY R. HALPERIN, JOSHUA E. TSITLIK, AND MYRON L. WEISFELDT; "Intermittent Coronary Sinus Occlusion After Coronary Arterial Ligation Results in Venous Retroperfusion"; Circulation Research; September 1989; pages 695-707; Vol. 65, No. 3.	
		J. CRAIG BARNETT, ROBERT J. FREEDMAN, ROBERT C. TOUCHON, AND MARK R. MESNER; "Coronary Venous Retroperfusion of Arterial Blood for the Treatment of Acute Myocardial Ischemia"; Catheterization and Cardiovascular Diagnosis; March 1993; pages 206-213; Vol. 28, No. 3; Wiley-Liss; U.S.A.	
		JOEL M. GORE, BONNIE H. WEINER, JOSEPH R. BENOTTI, KATHY M. SLOAN, OKIKE N. OKIKE, HENRI F. CUÉNOUD, JOHN M.J. GACA, JOSEPH S. ALPERT, AND JAMES E. DALEN; "Preliminary Experience with Synchronized Coronary Sinus Retroperfusion in Humans"; Circulation; August 1986; pages 381-388; Vol. 74, No. 2.	
		P. BOEKSTEGERS, G. VON DEGENFELD, W. GIEHRL, C. KUPATT, W. FRANZ, AND G. STEINBECK; "Selective Pressure-Regulated Retroinfusion of Coronary Veins as an Alternative Access of Ischemic Myocardium: Implications for Myocardial Protection, Myocardial Gene Transfer and Angiogenesis"; Kariologie; 2000; 4 pages; Vol. 89, No. 9.	

IDS Form PTO/SB/08: Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/671,581
		Filing Date	September 29, 2003
		First Named Inventor	Peter BOEKSTEGERS
		Art Unit	3738
		Examiner Name	PREBILIC, PAUL B
Sheet	2	of	2
		Attorney Docket Number	07883.0063



NON PATENT LITERATURE DOCUMENTS			
		Retrograde Protection Against Myocardial Ischemia in Patients Undergoing Normal and High Risk Percutaneous Transluminal Coronary Angioplasty"; Journal of the American College of Cardiology; June 1998; pages 1525-1533; Vol. 31, No. 7; Elsevier Science, Inc.; U.S.A.	
		GEORGES VON DEGENFELD, WOLFGANG GIERHL, AND PETER BOEKSTEGERS; "Targeting of Dobutamine to Ischemic Myocardium Without Systemic Effects by Selective Suction and Pressure-Regulated Retroinfusion"; Cardiovascular Research; 1997; pages 233-240; Vol. 35.	
		PETER BOEKSTEGERS, WOLFGANG PETER, GOERGES VON DEGENFELD, CHRISTOPH A. NIENABER, MICHAEL ABEND, TIM C. REHDERS, HELMUT HABAZETTL, THOMAS KAPSNER, MICHAEL VON LÜDINGHAUSEN, AND KARL WERDAN; "Preservation of Regional Myocardial Function and Myocardial Oxygen Tension During Acute Ischemia in Pigs: Comparison of Selective Synchronized Suction and Retroinfusion of Coronary Veins to Synchronized Coronary Venous Retroperfusion"; Journal of the American College of Cardiology; February 1994; pages 459-469; Vol. 23, No. 2.	
		PETER BOEKSTEGERS, JOACHIM DIEBOLD, AND CHRISTOPH WEISS; "Selective ECG Synchronised Suction and Retroinfusion of Coronary Veins: First Results of Studies in Acute Myocardial Ischaemia in Dogs"; Cardiovascular Research; 1990; pages 456-464; vol. 24.	
		GEORGES VON DEGENFELD, PHILIP RAAKE, ALEXANDER MOLNAR, REINHARD C. WICHELS, MICHAEL DEISS, CHRISTIAN KUPATT, ANDREA KRANZ, JOHANNES WALTENBERGER, AND PETER BOEKSTEGERS; "Functionally Relevant Therapeutic Angiogenesis by Selective Pressure-Regulated Retroinfusion of Basic Fibroblast Growth Factor into Coronary Veins in Chronic Myocardial Ischemia in Pigs"; Circulation (Supplement II); October 31, 2000; page 310; Vol. 102, No. 18.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.